SonicWALL Security Appliances

SonicWALL TZ 170 Wireless Getting Started Guide

SONICWALL

SonicWALL TZ 170 Wireless Security Appliance Getting Started Guide

The SonicWALL® TZ 170 Wireless security appliance is a total security platform for both your wired and wireless network, delivering enterprise-class layered security by integrating 802.11b/g wireless networking, gateway anti-virus, intrusion prevention and content filtering capabilities in an easy-to-use, low cost platform.

This Getting Started Guide provides instructions for basic installation and configuration of the SonicWALL TZ 170 Wireless. After you complete this guide, computers on your wired and wireless network will have secure Internet access.

Note: *For complete documentation, refer to the SonicOS Standard Administrator's Guide on the SonicWALL Resource CD or at: <http://www.sonicwall.com/support/documentation.html>.*

SonicWALL TZ 170 Wireless Configuration Steps

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1 Before You Begin

Check Package Contents

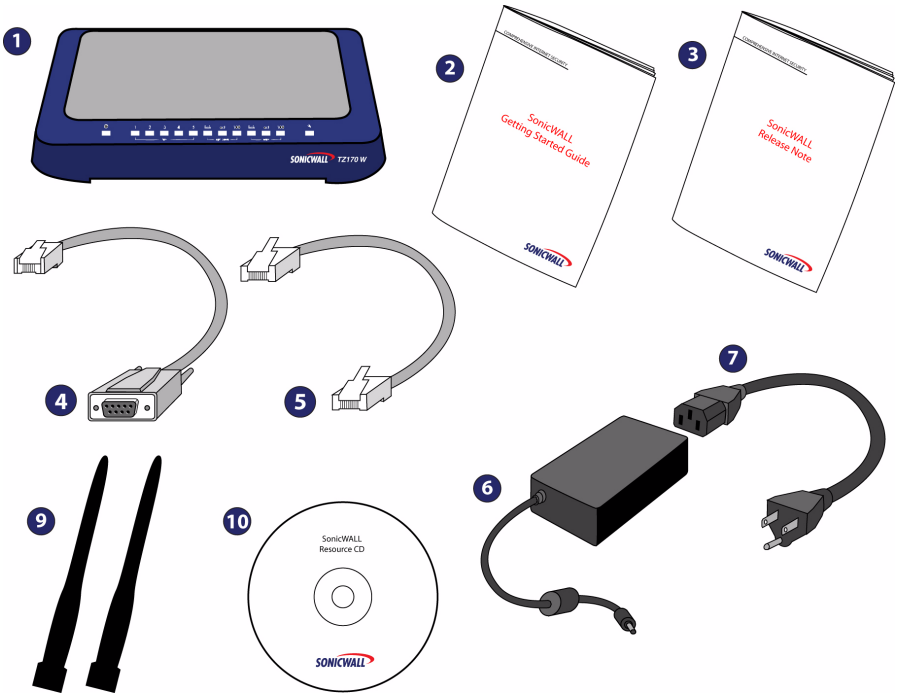
1. One SonicWALL TZ 170 Wireless security appliance
2. One Getting Started Guide
3. One Release Note
4. One straight-through Ethernet cable
5. One RJ45 CLI cable*
6. One 5 Volt DC power supply
7. One power cord**
8. One mounting kit (not pictured)
9. One pair of antennae
10. One SonicWALL TZ 170 Wireless Resource CD

Any Items Missing?

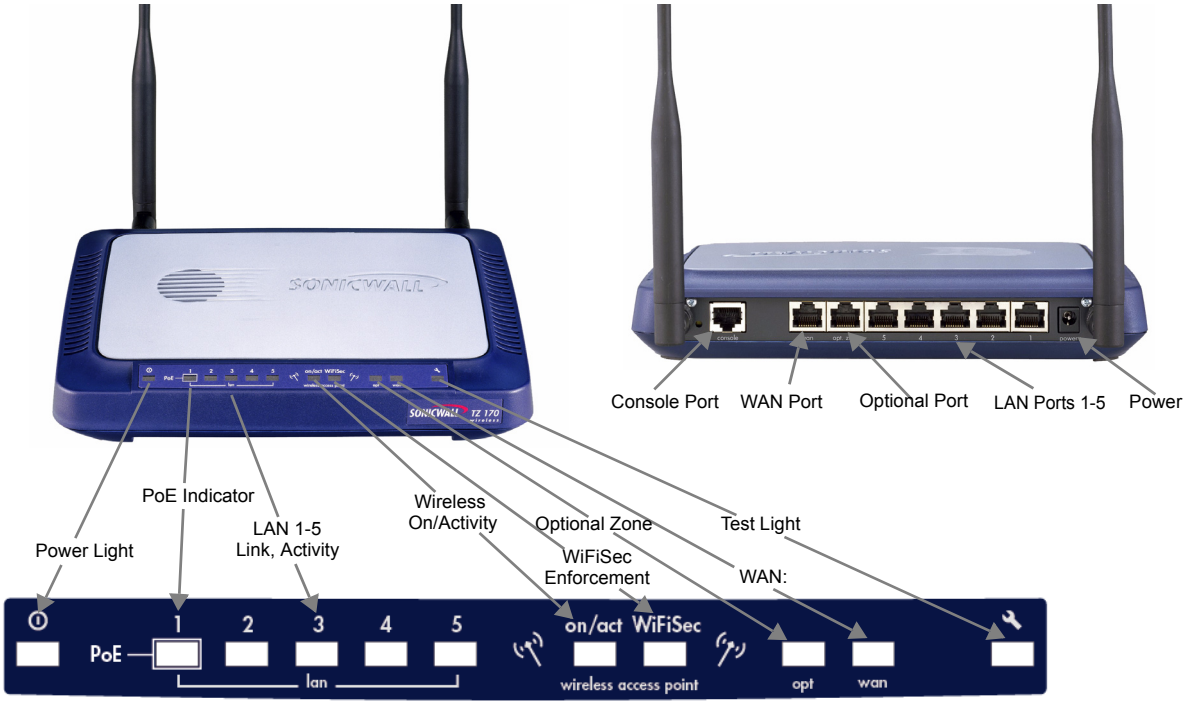
If any items are missing from your package, contact:
SonicWALL Support
Web: <http://www.sonicwall.com/support/>

**The RJ45 CLI cable is only included with the purchase of a SonicWALL TZ 170 Wireless with SonicOS Enhanced.*

***A power cord is included only with units shipped to North America.*
*** Das eingeschlossene Netzkabel ist für Gebrauch in Nordamerikas nur vorgehabt. Für Europaïsche Union (EU) Kunden, ist ein Netzkabel nicht eingeschlossen.*



SonicWALL TZ 170 Wireless Front and Back Panels Overview



Front Panel Feature	Description
Power Light	Indicates the SonicWALL TZ 170 Series appliance is powered on.
PoE Indicator	Indicates that Power over Ethernet is available.
LAN: Link, Activity	Indicates a LAN link (green), or LAN activity (blinking) on the specified port.
Wireless On/Activity	Indicates enabled wireless signal (green), or wireless activity (blinking).
WiFiSec Enforcement	Indicates that WiFi Security is in place and being enforced.
Optional Zone	Indicates a link (green), or LAN activity (blinking) on the opt port.
WAN	Indicates a link (green), or LAN activity (blinking) on the WAN port.
Test Light	Indicates the SonicWALL TZ 170 Series appliance is in test mode.
Rear Panel Feature	
Console Port	Provides access to command-line interface (only for use with SonicOS Enhanced).
WAN Port	Provides a primary (Ethernet) connection to the Internet (WAN).
Optional Port	Provides and optional configurable port.
LAN Ports 1-5	Provide multiple connections to your LAN.
Power	Provides power connection using the supplied power cord and power supply.

Collecting Internet Service Provider (ISP) Information

Collect the following information about your Internet service:

If you connect via	You probably use	Please record
Cable modem, DSL with a router	DHCP	No Internet connection information usually required.* **Some service providers require a host name. Check with your ISP.* *Host Name:* _____
Home DSL	PPPoE	User Name: _____ Password: _____ **Note**: Your ISP may require your user name in the format: *name@ISP.com*
T1, Static broadband, Cable or DSL with a static IP	Static IP	IP Address: _____ Subnet Mask: _____ Default Gateway (Router IP Address): _____ Primary DNS: _____ Secondary DNS (optional): _____
Dial in to a server	PPTP	Server Address: _____ User Name: _____ Password: _____

Note: *If you are not using one of the network configurations above, refer to the SonicOS Standard Administrator's Guide.*

Other Information

These are the default settings for accessing your SonicWALL TZ 170 Wireless Web-based management interface:

User Name: *admin*

Password: _____ (Default: *password*)

What You Need to Begin

- A computer to use as a management station for initial configuration of the SonicWALL TZ 170 Wireless
- An Internet connection
- A Web browser supporting Java and HTTP uploads. Internet Explorer 5.0 or higher, Netscape Navigator 4.7 or higher, Mozilla 1.7 or higher, or Mozilla Firefox are recommended

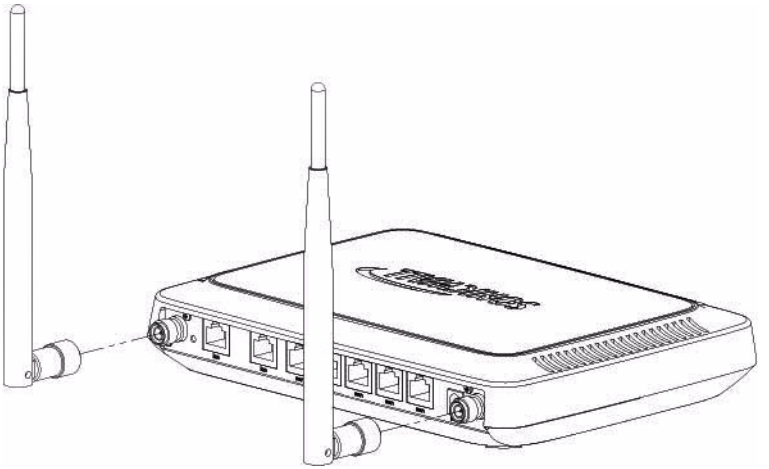
2 Setting Up the SonicWALL TZ 170 Wireless

Physically setting up your SonicWALL security appliance involves:

- Installing the Antennas
- Adjusting the Antennas
- Applying Power
- Applying Power with the SonicWALL Power over Ethernet (PoE) Injector

Installing the Antennas

To use the wireless feature of the SonicWALL TZ 170 Wireless, you must install the antennas on the back of the appliance. Remove the antennas from the bag and place one on each connector. Finger tighten the fittings on the connectors.



Adjusting the Antennas

You can adjust the antennas for best radio reception. In most cases, the antennas should be pointing straight up and perpendicular to the box. Start from that position, and move them until you notice better reception. Certain areas, such as the area directly below the SonicWALL TZ 170 Wireless, have relatively poorer reception.

Applying Power

1. Plug the power supply into back of the SonicWALL security appliance and into an appropriate power outlet.

   The Power LED on the front panel lights up green when you plug in the SonicWALL TZ 170 Wireless. The Test LED lights up and may blink while the appliance performs a series of diagnostic tests. When the Test light is no longer lit, the SonicWALL security appliance is ready for configuration.

   If the Test LED remains lit after the SonicWALL TZ 170 Wireless has booted, restart the SonicWALL security appliance.

   For more troubleshooting information, refer to the *SonicOS Standard Administrator's Guide*.

Applying Power with the SonicWALL Power over Ethernet (PoE) Injector

The SonicWALL TZ 170 Wireless can use a regular power supply, or it can get power through the LAN 1 Ethernet port using the an 802.3af standard PoE injector, like the SonicWALL PoE Injector.

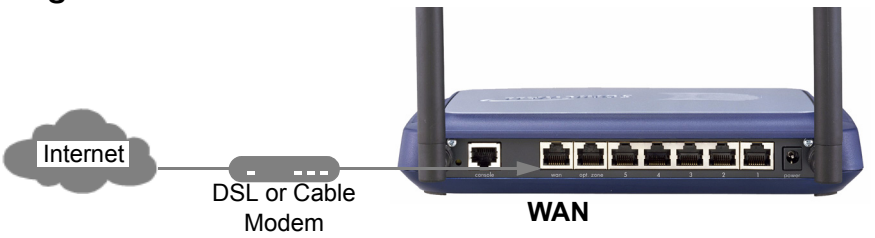
To apply power with the SonicWALL PoE Injector:

1. Plug the power cord of the PoE injector into the power outlet.
2. Connect an Ethernet cable to the **Data and Power out** port on the PoE Injector and connect the other end of the cable to the **LAN 1** port on the back of your SonicWALL TZ 170 Wireless.

Alert: *The PoE Injector Ethernet cable must only be inserted into the **LAN 1** port to power the SonicWALL TZ 170 Wireless.*

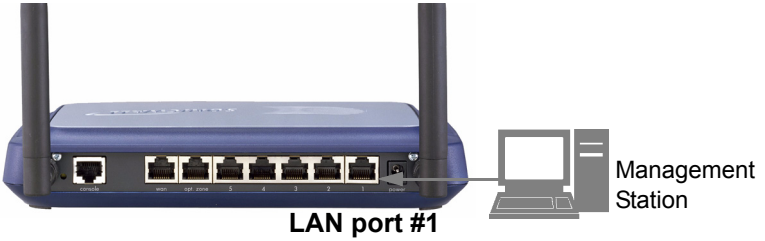
3 Connecting the SonicWALL TZ 170 Wireless

Connecting the WAN Cable to the Internet



1. Connect one end of an Ethernet cable to your Internet connection, such as a DSL modem or cable modem.
   This cable may already be connected between your computer and your modem. If so, disconnect it from your computer, and leave it connected to the Internet.
2. Connect the other end of the cable to the **WAN** port on the back of your SonicWALL TZ 170 Wireless.
   The **WAN** LED on the front panel lights up, indicating an active connection.

Connecting the LAN Cable to Your Management Station



1. Connect one end of an Ethernet cable to the computer you are using to manage the SonicWALL TZ 170 Wireless.
2. Connect the other end of the cable to port **#1** (or ports **#2** - **#5** if you are using a PoE injector) on the back of your SonicWALL TZ 170 Wireless.
   The port LED on the front panel lights up, indicating an active connection.

4 Accessing the Management Interface

The computer you use to manage the SonicWALL TZ 170 Wireless must be set up to accept a dynamic IP address, or have an unused IP address in the 192.168.168.x/24 subnet, such as *192.168.168.20*. For instructions on configuring your IP address, see *"Configuring Computers for Your Network with DHCP" on page 28*.

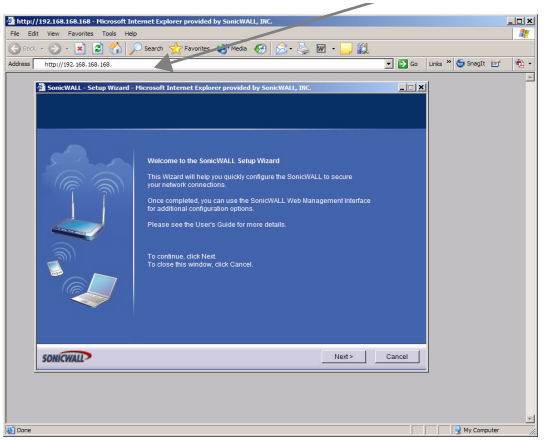
To access the Web-based management interface of the SonicWALL TZ 170 Wireless:

1. On the management station you have connected to your SonicWALL TZ 170 Wireless, start your Web browser.

Alert: *Disable pop-up blocking software or add the management IP address of your SonicWALL (192.168.168.168 by default) to your pop-up blocker's allow list before accessing the SonicWALL management interface.*

Your Web browser must support Java and HTTP uploads. Current versions of Internet Explorer, Netscape Navigator, Mozilla, and Firefox are recommended.

2. Enter **192.168.168.168** (the default LAN management IP address) in the **Location** or **Address** field.


Welcome to the SonicWALL Setup Wizard
This Wizard will help you quickly configure the SonicWALL to secure your network connections.
Once completed, you can use the SonicWALL Web Management Interface for additional configuration options.
Please see the User's Guide for more details.
To continue, click Next.
To close this window, click Cancel.
Next >
Cancel

3. The **SonicWALL Setup Wizard** launches and guides you through the configuration and setup of your SonicWALL TZ 170 Wireless.

If the SonicWALL Setup Wizard Does Not Appear

If you cannot connect to the SonicWALL TZ 170 Wireless appliance or the **Setup Wizard** does not display, verify the following configurations:

- Did you correctly enter the SonicWALL TZ 170 Wireless management IP address, **192.168.168.168**, in your Web browser?
- Is your computer running pop-up blocking software?
- Are the Local Area Connection settings on your computer set to obtain an IP address dynamically (DHCP) or set to a static IP of 192.168.168.20? See *"Configuring Computers for Your Network with DHCP" on page 28* for instructions on changing your Local Area Connection settings.
- Do you have the Ethernet cable connected to your computer and to one of the LAN ports (**1** through **5**) on your SonicWALL TZ 170 Wireless?
- Some browsers may not launch the **Setup Wizard** automatically. In this case, log into SonicWALL TZ 170 Wireless using "**admin**" as the user name and "**password**" as the password. After you log in, click the **Wizards** button on the **System > Status** page. Select **Setup** to begin configuring your SonicWALL TZ 170 Wireless.
- Some pop-up blockers may prevent the launch of the setup wizard. You can temporarily disable your popup blocker, or add the management IP address of your SonicWALL (192.168.168.168 by default) to your popup blocker's allow list.

5 Using the SonicWALL Setup Wizard

The SonicWALL **Setup Wizard** provides user-guided instructions for configuring your SonicWALL TZ 170 Wireless.

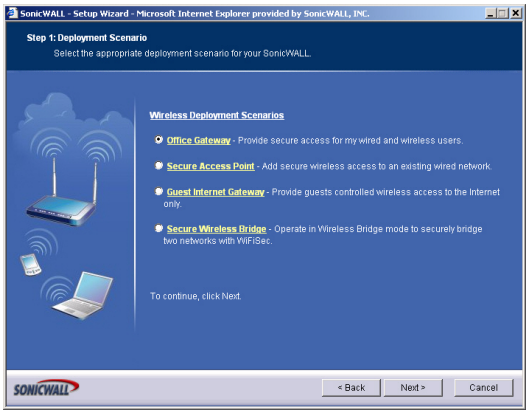
Note: *It is important that you have collected any required ISP information before using the **Setup Wizard**. See the list in Procedure 1, "Collecting Internet Service Provider (ISP) Information" on page 5.*

Tip: *If you do not know what type of Internet connection you have, contact your ISP. In addition, the SonicWALL **Setup Wizard** will attempt to detect your connection settings.*

Configuring the SonicWALL TZ 170 Wireless

Welcome - Click **Next** to begin.

1. **Deployment Scenario** - Select the wireless deployment scenario that best matches your deployment requirements. Clicking on the deployment scenario link displays a diagram of the deployment to show how the scenario is best used.


SonicWALL - Setup Wizard - Microsoft Internet Explorer provided by SonicWALL, INC.
Step 1: Deployment Scenario
Select the appropriate deployment scenario for your SonicWALL.
Wireless Deployment Scenarios
Office Gateway - Provide secure access for my wired and wireless users.
Secure Access Point - Add secure wireless access to an existing wired network.
Guest Internet Gateway - Provide guests controlled wireless access to the Internet only.
Secure Wireless Bridge - Operate in Wireless Bridge mode to securely bridge two networks with WiFiSec.
To continue, click Next.
SONICWALL
< Back
Next >
Cancel

This Getting Started Guide follows the procedure for setting up an Office Gateway deployment, which is a commonly used wireless deployment for LAN and WLAN to Internet connectivity. For instructions on setting up other wireless network deployments, refer to the *SonicOS Standard Administrator's Guide*.

Select **Office Gateway** and click **Next**.

2. **Change Password** - Change the administrative password. This is the password for the **admin** account.

Old Password	Should be populated with the default password, *password.*
New Password	Enter your new password.
Confirm	Re-enter your new password.

Note: *Keep your new password in a safe place. If you lose your password, you will have to reset the SonicWALL security appliance to factory settings and lose your configuration. For instructions on resetting your SonicWALL security appliance, refer to the SonicOS Standard Administrator's Guide.*

Click **Next**.

3. **Change Time Zone** - Change the **Time Zone** setting to your local time zone.

Time Zone	Select the time zone for your location from the list.
Automatically adjust clock for daylight saving time	Check this setting if you live in an area that observes Daylight Saving Time.

Note: *It is important that you set the time zone correctly before you register your SonicWALL TZ 170 Wireless.*

Click **Next**.

4. **WAN Network Mode** - The **Setup Wizard** automatically detects most networking modes. If it does not detect a networking mode, you may have a static IP address. See *Procedure 1, "Collecting Internet Service Provider (ISP) Information" on page 5*.

   Confirm the selection or select the correct type of network connection for your network.

Static IP	Select **Static IP** if you want to give the SonicWALL TZ 170 Wireless a specific, unchanging IP address.
DHCP	Select **DHCP** if your ISP assigns your computer a dynamic IP address. DHCP is commonly used with cable modems.
PPPoE	Select **PPPoE** if your ISP requires a username and password to establish a connection and assign a dynamic address. PPPoE is commonly used with DSL modems.

PPTP	Select **PPTP** if you dial into a specific server and log into a VPN to establish a connection. With PPTP, you can have either a static or dynamic IP Address.

Click on the yellow link for a networking type to see a definition.

Click **Next**.

5. **WAN Network Mode** - The second WAN network mode screen configures your WAN settings for the selection you made in the previous screen.

Static IP

The **Setup Wizard** screen should display:
WAN Network Mode: NAT Enabled (Static IP)

SonicWALL WAN IP Address	Enter a single, static IP address. This must be in the address range assigned to you by your ISP.
WAN Subnet Mask	Enter the subnet mask for your network, provided by your ISP. For example, *255.255.255.0*.
Gateway (Router) Address	Enter the IP address of your Internet gateway, provided by your ISP.
DNS Server Address	Enter the IP address of the DNS server for your network, provided by your ISP.
DNS Server Address #2 (optional)	You can enter a secondary, back-up DNS server to use if the first one fails.

Click **Next**.

DHCP

The **Setup Wizard** screen should display:
WAN Network Mode: NAT with DHCP Client

If you selected DHCP, you do not need to enter any WAN networking settings. The network settings are provisioned automatically from a DHCP server.

Click **Next**.

PPPoE

The **Setup Wizard** screen should display:
WAN Network Mode - NAT with PPPoE Client

Obtain an IP Address Automatically	Select this if your ISP assigns you a dynamic IP address.
Use the following IP Address	Select this if your ISP has assigned you a static IP address, and enter the address.
PPPoE User Name	Enter the user name for your Internet account. Your ISP may require you to enter your username in e-mail address format, including "@" and the domain name, for example, *joe.user@sonicwall.com.*
PPPoE Password	Enter the password for your Internet account.
Inactivity Disconnect (minutes)	Check this box if you want the SonicWALL TZ 170 Wireless to disconnect from the Internet if there is no traffic for the number of minutes you enter.

Click **Next**.

PPTP

The **Setup Wizard** screen should display:
WAN Network Mode - NAT with PPTP Client

PPTP Server IP Address	Enter the address of the PPTP server.
PPTP User Name	Enter your network user name.
PPTP Password	Enter your network password.
Obtain an IP Address Automatically	Select this if the server assigns you a dynamic IP address.
Use the following IP Address	Check this if you have been given a static IP address, and fill in the following three fields.
SonicWALL WAN IP Address	Enter the static IP address for your connection.
WAN Subnet Mask	Enter the subnet mask for your connection.
Gateway (Router) Address	Enter the address of your Internet Gateway.

Click **Next**.

6. **LAN Settings** - The LAN Settings screen configures your LAN interface.

SonicWALL LAN IP Address	Accept the default IP address or enter a new IP address of the LAN interface. Record the address: _____.
LAN Subnet Mask	Accept the default, or enter a subnet mask for your LAN.
Enable Windows Networking Support	Leave this option checked if you plan to have more than one Windows computer on your network. Windows Networking has no effect on computers with other operating systems.

By default, your SonicWALL TZ 170 Wireless is configured with a LAN network IP address, **192.168.168.168**, and subnet mask, **255.255.255.0**, which will work well for most installations. In most cases, leave the default LAN IP address and subnet mask unchanged.

Note: *The LAN IP address is the address you will use to access the SonicWALL TZ 170 Wireless management interface.*

Click **Next**.

7. **LAN DHCP Settings** - The LAN DHCP Settings screen allows you to select whether or not to use the DHCP server in the SonicWALL TZ 170 Wireless to automatically distribute IP addressing information to computers and other network devices on your LAN.

Enable DHCP Server on LAN	Leave this checkbox checked to use the DHCP server in the SonicWALL TZ 170 Wireless security appliance. Do not select this option if you already have a DHCP server on your network, or if you want to require your network clients to have static IP addresses.
LAN Address Range	If you enabled the DHCP Server, enter a range of IP addresses in the same subnet as the LAN IP address, or leave the default range unchanged. The default DHCP range will work for most installations.

Click **Next**.

8. **WLAN 802.11b/g Settings** - The WLAN 802.11b/g Settings screen allows you to configure your wireless network settings.

SSID	For security reasons, change this setting. Enter a unique name to identify the wireless connection. The SSID can contain up to 32 numbers and letters.
Radio Mode	Select the transmission standard to use. The default, **Mixed**, works for most office and home settings.
Country Code	Select the country where you are deploying this SonicWALL security appliance. This configures the channels used to comply with regulations in your country.
Channel	Select the broadcast channel you want the SonicWALL security appliance to use. The default, **AutoChannel** automatically detects the channel with the least interference. See *"SonicWALL TZ 170 Wireless Security Appliance Regulatory Statement and Safety Instructions" on page 34* for information on authorized channels.

Click **Next**.

9. **WiFiSec VPN Client User Authentication** - WiFiSec is a SonicWALL wireless security implementation that uses an IPSec VPN to secure wireless network connections. The WiFiSec screen allows you to create a VPN user for your wireless network.

User Name	Enter a user name for the VPN user.
Password	Enter a unique password for the user.
Confirm Password	Re-enter the password.

Note: *You can add additional users in the SonicWALL security appliance's Management Interface. Refer to the SonicOS Standard Administrator's Guide for instructions on adding users.*

Click **Next**.

10. **Wireless Guest Services** - Allows guest users to connect to the Internet without any access to your private network.

Enable Wireless Guest Services	Check to enable Wireless Guest Services on your network.
Account Name	Enter the account name your guest users must use to log into Wireless Guest Services.
Account Password	Enter a password for the guest account.
Confirm Password	Re-enter the password.
Account Lifetime	Specify the length of time this account may exist before you need to regenerate it.
Session Lifetime	Specify the length of time a guest user may be logged in.
Comment	A brief description of the guest account.

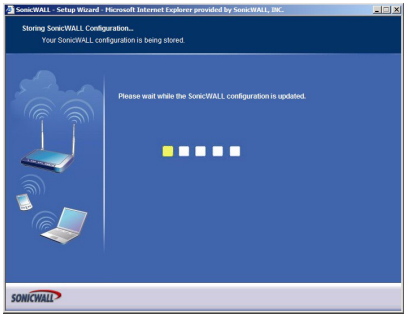
Note: *You can add additional guest accounts in the SonicWALL security appliance's Management Interface. Refer to the SonicOS Standard Administrator's Guide.*

Click **Next**.

11. **SonicWALL Configuration Summary** - Displays your network configuration information. Confirm that the settings displayed match the information you collected in *Procedure 1: "Collecting Internet Service Provider (ISP) Information" on page 5*.

    Click **Apply** to apply your settings to the SonicWALL security appliance. If you click **Cancel**, no settings will be applied to the SonicWALL security appliance.

    The **Storing SonicWALL Configuration** screen displays during this process.


SonicWALL - Setup Wizard - Microsoft Internet Explorer provided by SonicWALL, INC.
Storing SonicWALL Configuration...
Your SonicWALL configuration is being stored.
Please wait while the SonicWALL configuration is updated.
SONICWALL

Setup Wizard Complete - Your SonicWALL TZ 170 Wireless is now successfully configured for LAN, Wireless, and Internet access.

Click **Restart** to complete the configuration process. The SonicWALL security appliance will reboot, which will take approximately one minute. When the Test LED is no longer lit, the SonicWALL security appliance is ready for network traffic.

6 Testing Your Connection

1. After the SonicWALL TZ 170 Wireless reboots and the login page reappears, open another Web browser and navigate to: <http://www.sonicwall.com>.

   If you can view the SonicWALL home page, you have configured your SonicWALL TZ 170 Wireless correctly.
2. If you cannot view the SonicWALL home page, try a second URL.
3. If you still cannot view a Web page, try one of these solutions:

   Restart your Management Station

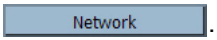
   Your management station may need to restart to accept new network settings from the DHCP server in the SonicWALL security appliance.

   Restart your DSL Modem

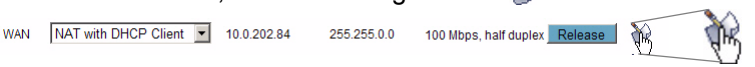
   Your DSL Modem may need to restart to communicate with the DHCP Client in the SonicWALL security appliance.

   Enter a Host Name in your WAN DHCP Settings

   If you selected DHCP for your WAN settings, you may need to specify a host name for your connection:

   a. Check with your ISP to see if a host name is required.
   b. Go to *Procedure 4, "Accessing the Management Interface" on page 9*, and use the LAN IP address you set in *Procedure 5, Step 6: "LAN Settings" on page 15*.
   c. Log in as "*admin*" with your administrative password.
   d. In the menu on the left, click 

.
   e. In the Interfaces table, click the configure icon in the **WAN** line.



   f. In the **WAN Properties** window, enter the host name and click **OK**.

   Run the Setup Wizard

   Use the **Setup Wizard** again to reconfigure your network settings:

   a. Go to *Procedure 4, "Accessing the Management Interface" on page 9*, and use the LAN IP address you set in *Procedure 5, Step 6: "LAN Settings" on page 15*.
   b. Log in as "*admin*" with your administrative password.
   c. Click the **Wizards** button in the top, right corner of the management interface to restart the wizard.
   d. Select **Setup** and click **Next** to start the **Setup Wizard**.

7 Registering Your SonicWALL TZ 170 Wireless

Once you have established your Internet connection, it is recommended that you register your SonicWALL security appliance at mySonicWALL.com. Registering your SonicWALL security appliance provides the following benefits:

- Activate 30-day subscriptions to SonicWALL's
  - Gateway Anti-Virus, Anti-Spyware, and Intrusion Prevention Service
  - Content Filtering Service
  - Network Anti-Virus Service
- Activate SonicWALL security service licenses
- Access SonicOS firmware updates
- Obtain SonicWALL technical support

Before You Register

Verify that the time and DNS settings on your SonicWALL security appliance are correct when you register the device. You should have set these settings in *Procedure 5: Using the SonicWALL Setup Wizard, Step 3: "Change Time Zone" on page 12* and *Step 5: "WAN Network Mode" on page 13*.

You need a mySonicWALL.com account to register your SonicWALL security appliance. You can create a new mySonicWALL.com account directly from the SonicWALL management interface.

If you already have a mysonicWALL.com account, go to *"Registering Your SonicWALL TZ 170 Wireless" on page 21* to register your SonicWALL security appliance.

Note: *mySonicWALL.com registration information is not sold or shared with any other company.*

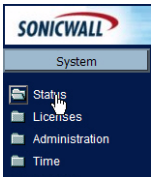
Creating a mySonicWALL.com Account

Creating a mySonicWALL.com account is fast, simple, and FREE. Simply complete an online registration form in the SonicWALL TZ 170 Wireless management interface.

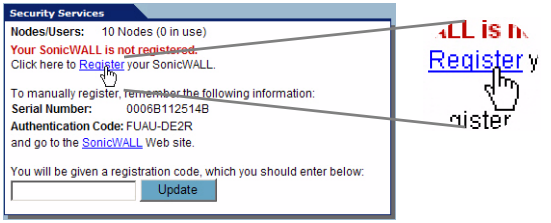
If you already have a mysonicWALL.com account, go to *"Registering Your SonicWALL TZ 170 Wireless" on page 21* to register your SonicWALL security appliance.

1. If you are not logged into the SonicWALL TZ 170 Wireless management interface, log in with the username ***admin*** and the administrative password you set in the **Setup Wizard**.

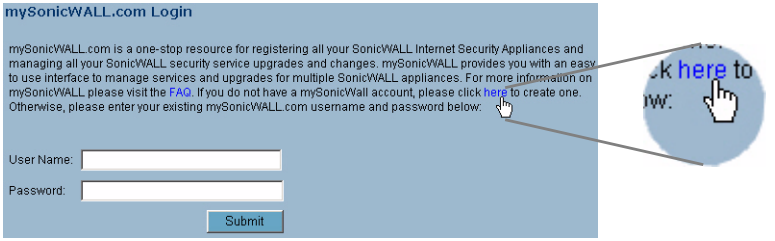
2. If the **System > Status** page is not displayed in the management interface, click **System** in the left-navigation menu, and then click the **Status** subfolder.



3. On the **System > Status** page, in the **Security Services** section, click the **Register** link.


Security Services
Nodes/Users: 10 Nodes (0 in use)
Your SonicWALL is not registered.
Click here to Register your SonicWALL.
To manually register, remember the following information:
Serial Number: 0006B112514B
Authentication Code: FUAU-DE2R
and go to the SonicWALL Web site.
You will be given a registration code, which you should enter below:
Update
Register

4. In the **mySonicWALL.com Login** page, click the **here** link in "**If you do not have a mySonicWALL account, please click here to create one**." The mySonicWALL.com account form is displayed.


mySonicWALL.com Login
mySonicWALL.com is a one-stop resource for registering all your SonicWALL Internet Security Appliances and managing all your SonicWALL security service upgrades and changes. mySonicWALL provides you with an easy to use interface to manage services and upgrades for multiple SonicWALL appliances. For more information on mySonicWALL please visit the FAQ. If you do not have a mySonicWall account, please click here to create one. Otherwise, please enter your existing mySonicWALL.com username and password below:
User Name:
Password:
Submit
here

5. In the **MySonicWall Account** page, enter in your information in the **Account Information**, **Personal Information** and **Preferences** fields. All fields marked with an asterisk (*) are required fields.

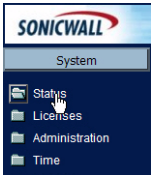
Note: *Remember your username and password to access your mySonicWALL.com account.*

6. Click **Submit** after completing the **MySonicWALL Account** form.
7. When the mySonicWALL.com server has finished processing your account, you will see a page saying that your account has been created. Click **Continue**.

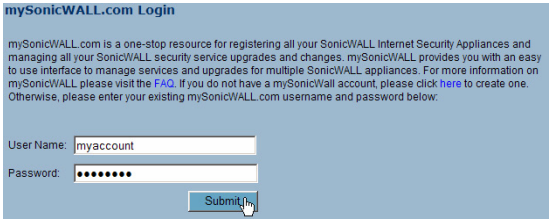
Congratulations. Your mySonicWALL.com account is activated.

Registering Your SonicWALL TZ 170 Wireless

1. If you are not logged into the SonicWALL TZ 170 Wireless management interface, log in with the username ***admin*** and the administrative password you set in the **Setup Wizard**.
2. If the **System > Status** page is not displaying in the management interface, click **System** in the left-navigation menu and then click the **Status** subfolder.



3. On the **System > Status** page, in the **Security Services** section, click the **Register** link. The **mySonicWALL.com Login** page is displayed.


mySonicWALL.com Login
mySonicWALL.com is a one-stop resource for registering all your SonicWALL Internet Security Appliances and managing all your SonicWALL security service upgrades and changes. mySonicWALL provides you with an easy to use interface to manage services and upgrades for multiple SonicWALL appliances. For more information on mySonicWALL please visit the FAQ. If you do not have a mySonicWall account, please click here to create one. Otherwise, please enter your existing mySonicWALL.com username and password below:
User Name:
myaccount
Password:
Submit

4. Enter your mySonicWALL.com account username and password in the **User Name** and **Password** fields, then click **Submit.**
5. The next several pages inform you about SonicWALL's Security Services. Click **Continue** on each page.
6. At the top of the **Product Survey** page, enter a "friendly name" for your SonicWALL security appliance in the **Friendly Name** field. The friendly name allows you to easily identify your SonicWALL security appliance in your mySonicWALL.com account.
7. Complete the Product Survey. SonicWALL uses this information to further tailor services to fit your needs.

Note: *SonicWALL Product Survey information is not sold or shared with any other company.*

8. Click **Submit**.
9. When the mySonicWALL.com server has finished processing your registration, you will see a page informing you that your SonicWALL TZ 170 Wireless appliance is registered. Click **Continue**, and the **System > Licenses** page is displayed showing the available security services. You can activate the services from this page now or at any time in the future.

Congratulations

Your SonicWALL TZ 170 Wireless is now fully operational.

You can continue with this Getting Started Guide to:

- Activate SonicWALL Security Services
- Set up secure wireless access to your SonicWALL security appliance
- Set up computers on your network for secure Internet access
- Mount your SonicWALL TZ 170 Wireless on a wall, ceiling, or other surface

8 Activating SonicWALL Security Services

When you register your SonicWALL TZ 170 Wireless, you are eligible for a free trial of the SonicWALL Security Services:

- **Gateway Anti-Virus/Anti-Spyware/Intrusion Prevention Service** - Provides real-time protection for all hosts behind your SonicWALL by detecting and preventing malicious content before it can reach hosts on your network.
- **Network Anti-Virus** - Protects hosts on your network from viruses by enforcing client-based Anti-Virus software.
- **Premium Content Filtering Service** - Enhances productivity by limiting access to objectionable Web content.

At the end of your free trial period, the services will automatically expire unless you purchase a subscription from your reseller or at <https://www.mySonicWALL.com>.

Activate the SonicWALL Security Services

If your SonicWALL management interface is displaying the **Manage Services Online** table on the **System > Licenses** page, skip to Step 5.

1. Log in to your SonicWALL management interface.
2. In the left-navigation menu, click **System** and then **Licenses**.
3. Near the bottom of the **System > Licenses** page, under **Manage Security Services Online**, click the link: **For Free Trials, Click Here**.
4. Log in with your mySonicWALL.com account name and password, if prompted.
5. In the **Manage Services Online** table, click **Try** in the **Free Trial** column for **Gateway Anti-Virus**.
6. In the SonicWALL Gateway Anti-Virus page, click **Continue**.

   Your Gateway Anti-Virus, Anti-Spyware, and Intrusion Prevention Service free trial is now activated.
7. In the **Manage Services Online** table, click **Try** in the **Free Trial** column for **Network Anti-Virus** and for **CFS Premium Service** to activate the Network Anti-Virus and Premium Content Filtering Service (CFS) free trials.

Your SonicWALL Security Service free trials are now activated. You must now enable each service on your SonicWALL security appliance. Use the following instructions to configure each service with its default values. For complete configuration instructions, see the administrative guides available on your SonicWALL resource CD and on the Web at: <http://www.sonicwall.com/support/documentation.html>.

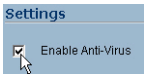
Enabling Premium Content Filtering Service

1. Select the **Security Services > Content Filter** page in the SonicWALL management interface.
2. Select the **LAN** checkbox to apply the filter to all computers on your LAN interface.

3. Click **Configure**, select the categories to block in the **URL List** tab, and click **OK**.
4. Click Apply in the top-right corner of the page.

Enabling Network Anti-Virus Service

1. Select the **Security Services > Network Anti-Virus** page in the SonicWALL management interface.
2. Select the **Enable Anti-Virus** checkbox.



3. Click Apply in the top-right corner of the page.

Users on your network will be prompted to download the SonicWALL Anti-Virus client.

Enabling Intrusion Prevention Service

1. Select the **Security Services > Intrusion Prevention** page in the SonicWALL management interface.
2. In the **IPS Global Settings** section, click the **Enable IPS on Interface** checkbox, and check the **WAN** and **LAN** interface check boxes.

3. In the **Signature Groups** table, select **Prevent All** for **High Priority** attacks.
4. Click Apply in the top-right corner of the page.

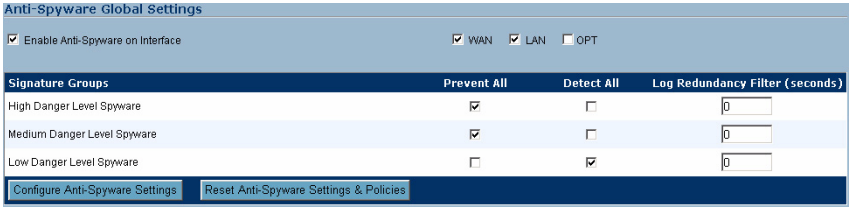
Enabling Gateway Anti-Virus Service

1. Select the **Security Services > Gateway Anti-Virus** page in the SonicWALL management interface.
2. In the **Gateway Anti-Virus Global Settings** section, click the **Enable Gateway Anti-Virus on Interface** checkbox, and check the **WAN** and **LAN** interface boxes.

3. Click Apply in the top-right corner of the page.

Enabling Anti-Spyware Service

1. Select the **Security Services > Anti-Spyware** page in the SonicWALL management interface.
2. In the **Gateway Anti-Spyware Global Settings** section, click the **Enable Anti-Spyware** checkbox.
3. Select which interfaces you want to apply Anti-Spyware service on. You can select any combination of **WAN**, **LAN**, and **OPT**.
4. For best protection from spyware, select the **Prevent All** checkbox for High, Medium, and Low danger levels. This will block all spyware that can be detected.



5. Click Apply in the top-right corner of the page.

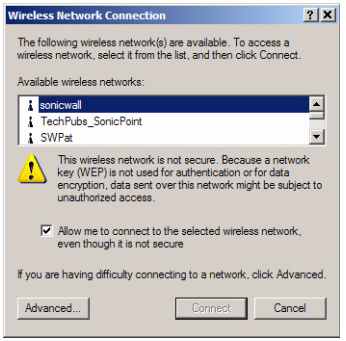
9 Connecting Wireless Clients to the SonicWALL TZ 170 Wireless

For wireless clients to connect to your SonicWALL TZ 170 Wireless security appliance, they need:

- A wireless network card installed and configured for the SonicWALL security appliance's service set identifier (SSID), which you set up in *Procedure 5: Using the SonicWALL Setup Wizard, Step 8: "WLAN 802.11b/g Settings" on page 16*.
- SonicWALL Global VPN Client (GVC) or SonicWALL Global Security Client (GSC) installed and configured for a secure wireless connection.

Connecting to the Wireless Network

You connect to the wireless network according to the requirements of your client operating system. Your wireless client may automatically detect and display the SonicWALL security appliance's SSID in a list of available wireless networks or you may need to manually configure your wireless card with the SonicWALL security appliance's SSID.


Wireless Network Connection
The following wireless network(s) are available. To access a wireless network, select it from the list, and then click Connect.
Available wireless networks:
sonicwall
TechPubs_SonicPoint
SWPat
This wireless network is not secure. Because a network key (WEP) is not used for authentication or for data encryption, data sent over this network might be subject to unauthorized access.
Allow me to connect to the selected wireless network, even though it is not secure
If you are having difficulty connecting to a network, click Advanced.
Advanced...
Connect
Cancel

Establishing Secure Wireless Connections

For a wireless client to securely connect to the SonicWALL TZ 170 Wireless using WiFiSec, the SonicWALL Global VPN Client (GVC) or SonicWALL Global Security Client (GSC) must be installed and configured. Installing and configuring SonicWALL GVC involves the following procedures:

- *"Installing the SonicWALL GVC or SonicWALL GSC Using the Setup Wizard" on page 26*
- *"Creating an Office Gateway Connection Profile Using the New Connection Wizard" on page 26*
- *"Establishing a WiFiSec VPN Connection Using the WLAN GroupVPN Policy" on page 27*

Installing the SonicWALL GVC or SonicWALL GSC Using the Setup Wizard

If you do not already have SonicWALL GVC or SonicWALL GSC installed:

1. Insert the SonicWALL Resource CD that came with your SonicWALL security appliance into your computer.
2. Open the **Software** folder on the SonicWALL Resource CD.
3. Open the **SonicWALL Global VPN Client** folder.
4. Open the **GVC Zip** file.
5. Launch **setup.exe**.
6. Follow the instructions in the **GVC Setup Wizard** to install SonicWALL GVC.

Note: *SonicWALL GVC is free to use for WiFiSec secured wireless connections. For remote VPN access through a WAN port, you must have a GVC Client License. For complete product documentation on SonicWALL GVC or SonicWALL GSC, see your Resource CD or visit the SonicWALL Web site at: <http://www.sonicwall.com/support/documentation.html>.*

Tip: *You can download the latest GVC installer at SonicWALL's product Web site at: <http://help.mysonicwall.com/applications/vpnclient>.*

Creating an Office Gateway Connection Profile Using the New Connection Wizard

1. In your Windows Start Menu, select **Start > Programs > SonicWALL Global VPN Client**. The first time you open SonicWALL GVC, the **New Connection Wizard** automatically launches.

New Connection Wizard
Welcome to the New Connection Wizard
This wizard will guide you through the process of adding a new connection to your configuration.
SONICWALL
To continue, click Next.
< Back
Next >
Cancel

   If the **New Connection Wizard** does not display, click the **New Connection Wizard** icon on the far left side of the toolbar to launch it. Click **Next**.

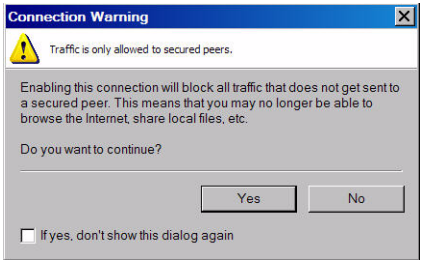
2. In the **Choose Scenario** page, select **Office Gateway**. Click **Next**.

3. In the **Completing the New Connection Wizard** page select any of the following options:
   - Select **Create a desktop shortcut to this connection**, if you want to create a shortcut icon on your desktop for this VPN connection.
   - Select **Enable this connection when the program is launched**, if you want to automatically establish this VPN connection when you launch the SonicWALL Global VPN Client.
4. Click **Finish.** The new VPN connection policy appears in the **SonicWALL Global VPN Client** window. If you selected to enable the connection automatically, it will display the **Enter Username/Password** screen immediately.

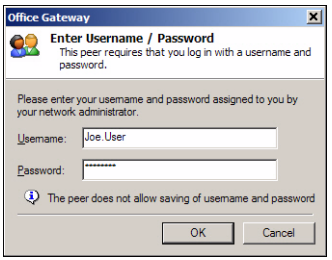
Establishing a WiFiSec VPN Connection Using the WLAN GroupVPN Policy

1. In the **SonicWALL Global VPN Client** window, double-click the **Office Gateway** profile.

Note: *Depending on your configuration, the **Connection Warning** dialog box may display. Click **Yes** to continue.*


Connection Warning
Traffic is only allowed to secured peers.
Enabling this connection will block all traffic that does not get sent to a secured peer. This means that you may no longer be able to browse the Internet, share local files, etc.
Do you want to continue?
Yes
No
If yes, don't show this dialog again

2. In the **Enter Username/Password** dialog box, enter the authentication credentials for the user configured on the SonicWALL security appliance's local user database for access to the **WLAN GroupVPN**, such as WiFiSec user you created in the **Setup Wizard**.

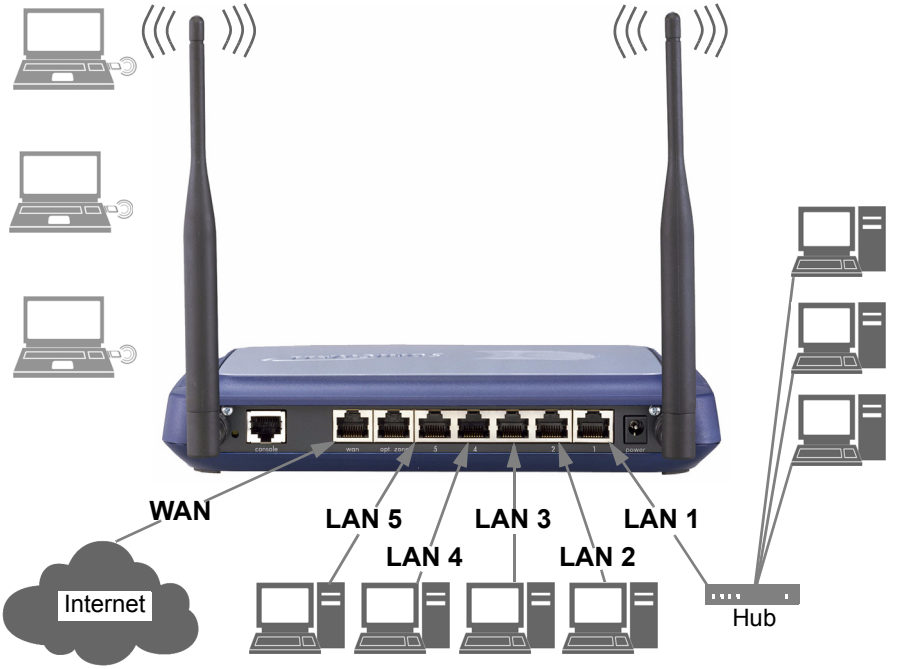

Office Gateway
Enter Username / Password
This peer requires that you log in with a username and password.
Please enter your username and password assigned to you by your network administrator.
Username:
Joe.User
Password:
The peer does not allow saving of username and password
OK
Cancel

3. Click **OK**. You now have secure wireless access.

   Note: *The status in the GVC window will display **Connected** when the connection is established. If it displays **Enabled**, you are not yet authenticated with the VPN.*

10 Connecting Computers to Your SonicWALL TZ 170 Wireless

You can attach up to 10, 25, or an unlimited number computers, depending on your license, in any combination of wired and wireless connections to your SonicWALL TZ 170 Wireless.



Configuring Computers for Your Network with DHCP

If you enabled the DHCP Server in the **Setup Wizard**, each computer on your network must be configured to obtain its IP address dynamically. The following steps provide instruction on changing the Local Area Connection settings for four versions of Microsoft Windows.

- Windows XP
- Windows 2000
- Windows NT
- Windows 98

Note: *If you are not using DHCP, refer to the SonicOS Standard Administrator's Guide.*

Windows XP

1. Open the **Local Area Connection Properties** window (**Start > Settings > Network Connections** on most versions of Windows XP).
2. Right click on the **Local Area Connection** icon, and select **Properties**.
3. In the list of connection items, select **Internet Protocol (TCP/IP)** and click **Properties**.
4. Select **Obtain an IP address automatically**.
5. Select **Obtain DNS Server automatically**.
6. Click **OK,** and then **OK** again to apply the settings.

Windows 2000

1. From your Windows **Start** menu, select **Settings**.
2. Open **Network and Dial-up Connections**.
3. Right click on the **Local Area Connection** icon, and select **Properties**.
4. Highlight **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select **Obtain an IP address automatically**.
6. Select **Obtain DNS Server automatically**.
7. Click **OK,** and then **OK** again to apply the settings.

Windows NT

1. From the **Start** list, highlight **Settings** and then select **Control Panel**.
2. Open **Network**.
3. Double-click **TCP/IP** in the **TCP/IP Properties** window.
4. Select **Obtain an IP address automatically**.
5. Click **DNS** at the top of the window.
6. Select **Obtain DNS Server automatically**.
7. Click **OK**, and then click **OK** again.
8. Restart the computer to apply the settings.

Windows 98

1. In the **Start** menu, select **Settings** and then select **Control Panel**.
2. Open **Network**.
3. Double-click **TCP/IP** in the **TCP/IP Properties** window.
4. Select **Obtain IP Address automatically**.
5. Click **DNS Configuration**.
6. Select **Obtain DNS Server automatically**.
7. Click **OK**, and then click **OK** again.
8. Restart the computer to apply the settings.

Static IP

If you did not enable the SonicWALL security appliance DHCP server, you must configure each computer with a static IP address from your LAN or WLAN IP address range. After the SonicWALL TZ 170 Wireless has restarted, follow the steps below for configuring your network clients running any of the following Microsoft Windows operating systems on your LAN/WLAN:

Windows XP

1. Open the **Local Area Connection Properties** window.
2. Double-click **Internet Protocol (TCP/IP)** to open the **Internet Protocol (TCP/IP) Properties** window.
3. Select **Use the following IP address** and type an IP address from your LAN IP range in the **IP address** field.
4. Type **255.255.255.0** in the **Subnet Mask** field.
5. Type the SonicWALL TZ 170 Wireless LAN IP address into the **Default Gateway** field.
6. Type the DNS IP address in the **Preferred DNS Server** field. If you have more than one address, type the second one in the **Alternate DNS server** field.
7. Click **OK** for the settings to take effect.

Windows 2000

1. From your Windows **Start** menu, select **Settings**.
2. Open **Network and Dial-up Connections**.
3. Click **Properties**.
4. Highlight **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select **Use the following IP address**.
6. Type an IP address from your LAN IP range **IP address** field.
7. Type **255.255.255.0** in the **Subnet** field.
8. Type the SonicWALL TZ 170 Wireless LAN IP address into the **Default Gateway** field.
9. If you have a DNS Server IP address from your ISP, enter it in the **Preferred DNS Server** field.
10. Click **OK** for the settings to take effect.

Windows NT

1. From the **Start** menu, highlight **Settings** and then select **Control Panel**.
2. Open **Network**.
3. Double-click **TCP/IP** in the **TCP/IP Properties** window.
4. Select **Specify an IP Address**.
5. Type an IP address from your LAN IP range in the **IP Address** field.
6. Type **255.255.255.0** in the **Subnet Mask** field.
7. Type the SonicWALL TZ 170 Wireless LAN IP address in the **Default Gateway** field.
8. Click **DNS** at the top of the window.
9. Type the DNS IP address in the **Preferred DNS Server** field. If you have more than one address, enter the second one in the **Alternate DNS server** field.
10. Click **OK**, and then click **OK** again.
11. Restart the computer for changes to take effect.

Windows 98

1. In the **Start** menu, select **Settings** and then select **Control Panel**.
2. Open **Network**.
3. Double-click **TCP/IP** in the **TCP/IP Properties** window.
4. Select **Specify an IP Address**.
5. Type an IP address from your LAN IP range in the **IP Address** field.
6. Type **255.255.255.0** in the **Subnet Mask** field.
7. Type the SonicWALL TZ 170 Wireless LAN IP address in the **Default Gateway** field.
8. Click **DNS Configuration**.
9. Type the DNS IP address in the **Preferred DNS Server** field. If you have more than one address, type the second one in the **Alternate DNS server** field.
10. Click **OK**, and then click **OK** again.
11. Restart the computer for changes to take effect.

Glossary of Networking Terms

Default Gateway - A device on an Internetwork that forwards packets to another network.

DHCP - Dynamic Host Configuration Protocol allocates IP addresses to computers on the network automatically without assigning a computer a static (fixed) IP address.

DNS - A Domain Name System is a hierarchical naming system that resolves a domain name with its associated IP address. A DNS server looks up the name of a computer and finds the corresponding IP address. This allows users to access hosts using friendly text-based names instead of IP addresses. These names are called fully qualified domain names (FQDN).

IP Address - An Internet Protocol Address is a 32 bit number that identifies a computer or other resource on the Internet or on any TCP/IP network. The number is usually expressed as four numbers from 0 to 255 separated by periods, for example, 172.16.31.254.

ISP - An Internet Service Provider is the company that provides a connection to the Internet.

LAN - A Local Area Network is typically a group of computers located at a single location, and is commonly based on the Ethernet architecture.

NAT - Network Address Translation is an Internet standard that allows your local network to use private IP addresses, which are not recognized on the Internet. The IP address used for the router is the only routable IP address. The computers behind the NAT can access the Internet through the router, but Internet users cannot access the computers behind the router.

Packet - A unit of information transmitted over the Internet or within any TCP/IP network. Packets have a header, which contains information about the source, destination, and protocol to be used for the data, and a body, which contains the data being transmitted.

PPPoE - The Point to Point Protocol over Ethernet supports the transmission of network packets over an analog phone line.

Private IP Address - An IP address for a resource in your network that is not known or published outside the zone (for example LAN) where it is located.

Public IP Address - An IP address for a resource in your network that is published outside your network to the WAN.

Router - A device that routes data between networks through IP address information in the header of the IP packet. A router forwards packets to other routers until the packets reach their destination. The Internet is the largest example of a routed network.

SSID - A Service Set Identifier is a unique string of characters that identifies a wireless network.

Subnet - A portion of a network. Each subnet within a network shares a common network address and is uniquely identified by a subnetwork number.

Subnet Mask - A 32-bit number used to separate the network and host sections of an IP address. A subnet mask subdivides an IP network into smaller pieces. An example of a subnet mask might be 255.255.255.248 for subnet with only eight IP addresses.

TCP/IP - Transmission Control Protocol/Internet Protocol is the basic communication protocol of the Internet. It supports sending information in packets, and identifies each device with a unique numeric IP address.

VPN - A Virtual Private Network is a virtual network that encrypts data and sends it privately over the Internet to protect sensitive information.

WAN - A Wide Area Network is a geographically distributed network composed of multiple networks joined into a single large network. The Internet is a global WAN.

WLAN - A Wireless Local Area Network is a LAN with wireless connections instead of physical connections.

SonicWALL TZ 170 Wireless Security Appliance Regulatory Statement and Safety Instructions

Regulatory Model/Type	Product Name
APL14-034	SonicWALL TZ 170 Wireless

Note: *Detailed regulatory information can be found in the electronic file, "SonicWALL_Products_Regulatory_Statement.pdf," located on the SonicWALL Resource CD provided with the unit.*

Power Supply Information Models APL14-034

If you need to order a power supply for your SonicWALL TZ 170 Wireless, contact SonicWALL Technical Support at 408-752-7819 for a replacement.

This product should only be used with a UL listed power supply marked "Class 2" or "LPS", with an output rated 5 VDC, minimum 2.4 A.

Considerations for Mounting the APL14-034

- Consideration must be given to the connection of the equipment to the supply circuit and the effect of overloading the circuits has minimal impact on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings must be used when addressing this concern.
- A power cord is included only with units shipped to North America.
- Mount in a location away from direct sunlight and sources of heat. A maximum ambient temperature of 104º F (40º C) is recommended.
- Route cables away from power lines, fluorescent lighting fixtures, and sources of noise such as radios, transmitters, and broadband amplifiers.
- Ensure that no water or excessive moisture can enter the unit.
- Allow unrestricted airflow around the unit and through the vents on the side of the unit. A minimum of 1 inch (25.44mm) clearance is recommended.

North American Authorized Channels

SonicWALL declares that the APL14-034, when sold in US or Canada is limited to CH1~CH11 by specified firmware controlled in the USA.

Lithium Battery Warning

The Lithium Battery used in the SonicWALL security appliance may not be replaced by the user. Return the SonicWALL security appliance to a SonicWALL-authorized service center for replacement with the same or equivalent type recommended by the manufacturer. If, for any reason, the battery or SonicWALL security appliance must be disposed of, do so following the battery manufacturer's instructions.

Cable Connections

All Ethernet cables are designed for intra-building connection to other equipment. Do not connect these ports directly to communication wiring or other wiring that exits the building where the SonicWALL TZ 170 Wireless is located.

German Language Regulatory and Safety Instructions

Hinweis zur Lithiumbatterie

Die in der Internet Security appliance von SonicWALL verwendete Lithiumbatterie darf nicht vom Benutzer ausgetauscht werden. Zum Austauschen der Batterie muss die SonicWALL in ein von SonicWALL autorisiertes Service-Center gebracht werden. Dort wird die Batterie durch denselben oder entsprechenden, vom Hersteller empfohlenen Batterietyp ersetzt. Beachten Sie bei einer Entsorgung der Batterie oder der SonicWALL Internet Security appliance die diesbezüglichen Anweisungen des Herstellers.

Kabelverbindungen

Alle Ethernet- und RJ45 Konsole-Kabel eignen sich für die Verbindung von Geräten in Innenräumen. Schließen Sie an die Anschlüsse der SonicWALL keine Kabel an, die aus dem Gebäude herausgeführt werden, in dem sich das Gerät befindet.

Informationen zur Stromversorgung

Sollte das Netzteil nicht im Lieferumfang der SonicWALL enthalten sein, wenden Sie sich diesbezüglich an den technischen Support von SonicWALL (Tel.: +1-408-752-7819). Dieses Produkt darf nur in Verbindung mit einem nach den Normen der Underwriter Laboratories, USA als „UL-gelistet“ zugelassenen Netzteil der Kategorie „Class 2“ oder „LPS“ verwendet werden.
Ausgang: 5 V Gleichspannung, mind. 2,4 A.

Weitere Hinweise zur Montage der Modell

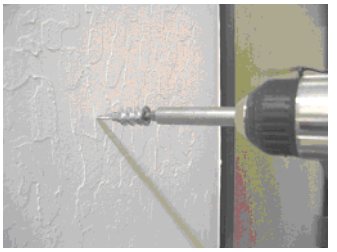
- Wählen Sie für die Montage einen Ort, der keinem direkten Sonnenlicht ausgesetzt ist und sich nicht in der Nähe von Wärmequellen befindet. Die Umgebungstemperatur darf nicht mehr als 40 °C betragen.
- Führen Sie die Kabel nicht entlang von Stromleitungen, Leuchtstoffröhren und Störquellen wie Funksendern oder Breitbandverstärkern.
- Ein Netzkabel ist nur mit Einheiten versorgt, die nach Nordamerika geliefert werden.
- Stellen Sie sicher, dass das Gerät vor Wasser und hoher Luftfeuchtigkeit geschützt ist.
- Stellen Sie sicher, dass die Luft um das Gerät herum zirkulieren kann und die Lüftungsschlitze an der Seite des Gehäuses frei sind. Hier ist ein Belüftungsabstand von mindestens 26 mm einzuhalten.
- Vergewissern Sie sich, dass das Gerät sicher im Rack befestigt ist. Insbesondere muss auf nicht direkte Anschlüsse an Stromquellen geachtet werden wie z. B. bei Verwendung von Mehrfachsteckdosen.

Mounting the SonicWALL TZ 170 Wireless

Wall Mounting the SonicWALL TZ 170 Wireless

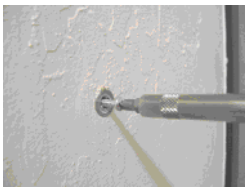
Follow the instructions below to mount the SonicWALL TZ 170 Wireless on the wall.

1. Using the mounting plate as a template, mark the places to insert the mounting anchors.
2. Using a #2 Phillips screw driver, press the tip of the anchor into the marked places on the hollow wall.

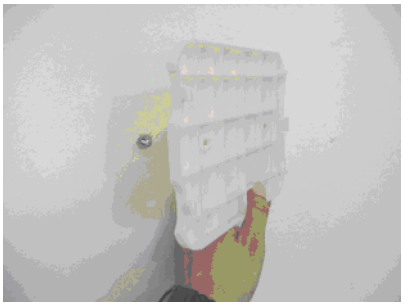


3. Turn the screwdriver clockwise until the anchor is flush with the wall. Repeat for the second anchor.

4. Insert a #6 x 1 1/4" pan head Phillips self-tapping screw into each anchor leaving a gap for the mounting plate.



5. Hang the mounting plate on the screws. Use the middle row of mounting holes.



6. Slide the plate down to the narrowest part of the keyhole so that the mounting plate rests on the screws.

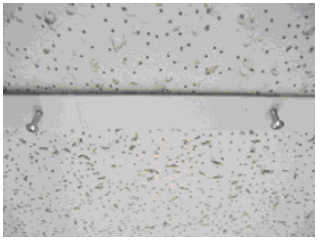
7. Tighten the mounting screws to secure the mounting plate.

8. Snap the SonicWALL TZ 170 Wireless onto the mounting plate.

Mounting Models the SonicWALL TZ 170 Wireless on the Ceiling

1. Locate a metal support to hang the SonicWALL TZ 170 Wireless.
2. Using the mounting plate as a template, mark the places to insert the mounting anchors.
3. Drill two holes for #6 x 1-1/4” screws in the marked location.

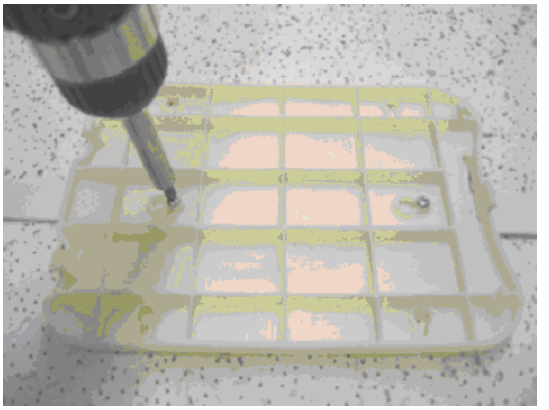
4. Install the #6 x 1-1/4” self-tapping screws leaving a slight gap for the mounting plate.



5. Hang the mounting plate on the screws.

6. Slide the plate down to the narrowest part of the keyhole so that the mounting plate rests on the screws.

7. Tighten the mounting screws to secure the mounting plate.



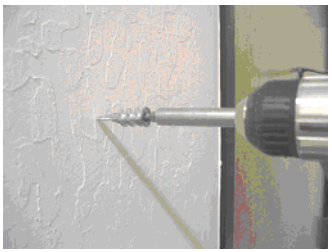
8. Snap the SonicWALL TZ 170 Wireless onto the mounting plate.

Montage der Modelle APL11-027, APL11-031, APL14-033, APL14-034, APL14-035 und APL14-036

SonicWALL TZ 170 an einer Wand montieren

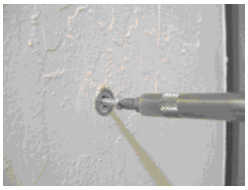
Befolgen Sie die nachstehenden Anweisungen, um die SonicWALL TZ 170 an einer Wand zu montieren.

1. Verwenden Sie die Montagescheibe als Schablone, um die Stellen für die Montagebolzen zu markieren.
2. Drücken Sie mit Hilfe eines Schraubendrehers (Kreuzschlitz Phillips Nr. 2) die Spitze des Bolzens auf die markierte Stelle an der hohlen Wand.

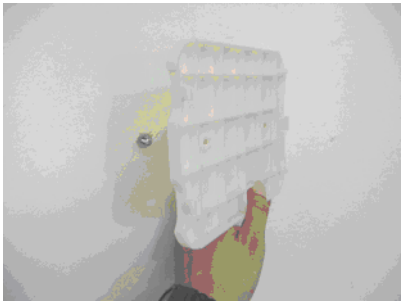


3. Drehen Sie den Schraubendreher im Uhrzeigersinn, bis der Bolzen bündig mit der Wand abschließt. Wiederholen Sie den Vorgang mit dem zweiten Bolzen.

4. Führen Sie in jeden Bolzen eine Zylinderkopfblechschraube Phillips Nr. 6 x 1-1/4 Zoll (6 x 31,8mm) ein, und lassen Sie die Schraube dabei so weit aus der Wand herausragen, dass die Montageplatte daran aufgehängt werden kann.



5. Hängen Sie die Montageplatte auf die Schrauben. Verwenden Sie dafür die mittlere Lochreihe.



6. Ziehen Sie die Montageplatte nach unten, so dass sich die Schrauben nun im engsten Bereich der Löcher befinden.

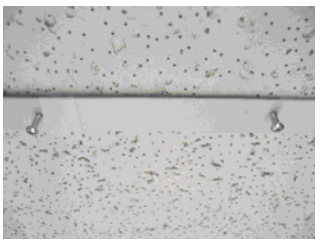
7. Ziehen Sie die Montageschrauben an, um die Montageplatte sicher zu befestigen.

8. Befestigen Sie anschließend die SonicWALL TZ 170 an der Montageplatte.

Modelle APL11-027, APL11-031, APL14-033, APL14-034, APL14-035 und APL14-036 an der Decke montieren

1. Um die SonicWALL TZ 170 aufzuhängen, suchen Sie zunächst einen Metallträger als Montageort.
2. Verwenden Sie die Montageplatte als Schablone, um die Stellen für die Montagebolzen zu markieren.
3. Bohren Sie an der markierten Stelle zwei Löcher für die Schrauben Nr. 6 × 1-1/4 Zoll (6 × 31,8 mm).

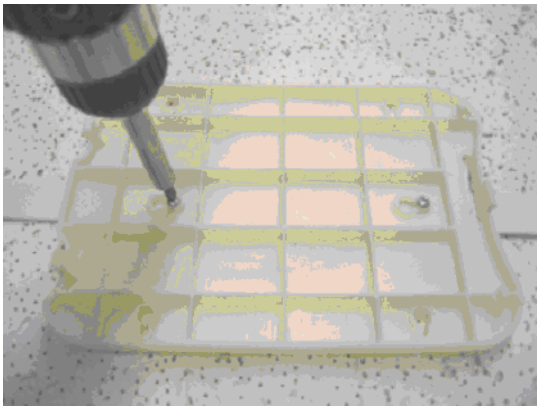
4. Führen Sie anschließend die Blechschrauben Nr. 6 × 1-1/4 Zoll (6 × 31,8 mm) ein, und lassen Sie die Schrauben dabei so weit aus der Wand herausragen, dass die Montageplatte daran aufgehängt werden kann.



5. Hängen Sie die Montageplatte auf die Schrauben.

6. Ziehen Sie die Montageplatte nach unten, so dass sich die Schrauben nun im engsten Bereich der Löcher befinden.

7. Ziehen Sie die Montageschrauben an, um die Montageplatte sicher zu befestigen.



8. Befestigen Sie anschließend die SonicWALL TZ 170 an der Montageplatte.

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P/N 232-000789-01
Rev A 03/06